



# Certificate of Analysis

Nov 12, 2020 | Veteran Grown CBD

1527 Wilma Rudolph Blvd,  
Clarksville, TN, 37040



Sample:CA01104003-001

Harvest/Lot ID: Suver Haze 2020

Seed to Sale #n/a

Batch Date :11/04/20

Batch#: Suver Haze 2020

Sample Size Received: 10 gram

Retail Product Size: 1

Ordered : 11/04/20

Sampled : 11/04/20

Completed: 11/12/20 Expires: 11/12/21

Sampling Method: SOP Client Method

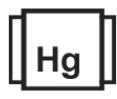
**TESTED**

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## PRODUCT IMAGE SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals  
Solvents  
**NOT TESTED**



Filtration  
**PASSED**



Water Activity  
**PASSED**



Moisture  
**TESTED**



Terpenes  
**TESTED**

## CANNABINOID RESULTS



**Total THC**  
**1.067%**

THC/Container :10.676 mg



**Total CBD**  
**14.188%**

CBD/Container :141.882 mg



**Total Cannabinoids**  
**19.439%**

Total Cannabinoids/Container  
:194.398 mg

CBDV	CBD	CBG	THCV	CBDA	CBGA	CBN	D9-THC	D8-THC	CBC	THCA-A
ND	ND	1.071%	ND	13.863%	0.525%	ND	0.186%	ND	0.182%	0.831%
ND	ND	10.710 mg/g	ND	138.630 mg/g	5.250 mg/g	ND	1.860 mg/g	ND	1.820 mg/g	8.310 mg/g
LOD 0.02 %	0.01 %	0.1 %	0.02 %	0.02 %	0.02 %	0.01 %	0.02 %	0.02 %	0.01 %	0.01 %

## Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
1054	0.514g	NA	NA
Analysis Method -SOP.T.40.020, SOP.T.30.050			
Batch Date : 11/06/20 15:03:16			
Analytical Batch	Instrument Used	Running On :	
CA000533POT	HPLC-2030(MO-HPLC-02)		

Reagent	Dilution	Consums. ID
091720.06	20	200110
061020.30		07/2019
110420.04		VAV-09-1020
110520.001		80081-186
110620.001		SFM-BX-1025

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis. LOQ for all cannabinoids is 0.5 mg/L). The results of total THC, total CBD and total Cannabinoids in plant sample are reported on a dry weight basis.

Filtration	PASSED
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Analyzed By	Weight	Extraction date	Extracted By
1048	1g	NA	NA
Analyte			
Insect fragments, hairs & mammalian excreta			
Analysis Method -SOP.T.40.013			
Analytical Batch -CA000527FIL			
Instrument Used :			
Running On :			
This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-2B/T Stereo Microscope is used for inspection.			
LOD 0.1			
Batch Date : 11/06/20 08:37:52			
NA Result 0			

Water Activity	PASSED
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Analyte	Analyzed by	Weight	Ext. date	LOD	A.I.	Result
WATER ACTIVITY	1048	0.559g	11/06/20	0.001 Aw	0.65Aw	0.586 aW
Analysis Method -THIS IS YOUR SOP						
Analytical Batch -CA000503WAT						
Instrument Used : Rotronic Water Meter HygroPalm23-AW (MO-WA-01)						
Running On :						
Batch Date : 11/03/20 15:14:36						

Moisture	TESTED
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Analyte	Analyzed by	Weight	Ext. date	LOD	A.I.	Result
MOISTURE CONTENT	1048	0.531g	11/06/20	0.1 %		14.310 %
Analysis Method -SOP.T.40.011						
Analytical Batch -CA000504MOI						
Instrument Used : Shimadzu UniBloc Moisture Content Analyzer (MO-MA-01)						
Running On :						
Batch Date : 11/03/20 15:17:58						

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Haifei Yin  
Lab Director

State License # NA  
ISO Accreditation #  
L18-47-1



Signature

11/12/2020

Signed On



# Certificate of Analysis

**TESTED**
**Veteran Grown CBD**

 1527 Wilma Rudolph Blvd,  
 Clarksville, TN, 37040

**Telephone:** 931-444-1999

**Email:** veterangrown@gmail.com

**Sample :** CA01104003-001

**Harvest/LOT ID:** Suver Haze 2020

**Batch# :** Suver Haze  
 2020

**Sampled :** 11/04/20

**Ordered :** 11/04/20

**Sample Size Received :** 10 gram

**Completed :** 11/12/20 **Expires:** 11/12/21


**Sample Method :** SOP Client Method

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## Terpenes

**TESTED**

Terpenes	LOD ppm	PPM	%	Result (%)	Terpenes	LOD ppm	PPM	%	Result (%)
ALPHA-PINENE	1250	2800.75	0.2800		<div><div></div><div>Terpenes</div><div>TESTED</div></div>				
ALPHA-TERPINENE	1250	ND	ND						
ALPHA-BISABOLOL	1250	ND	ND						
BETA-CARYOPHYLLENE	1250	5275.88	0.5275						
BETA-MYRCENE	1250	1666.39	0.1666						
BETA-PINENE	1250	9095.57	0.9095						
CAMPENE	1250	ND	ND						
(-)-CARYOPHYLLENE OXIDE	1250	ND	ND						
CIS-NEROLIDOL	537.5	ND	ND						
D-LIMONENE	1250	1638.06	0.1638						
DELTA-3-CARENE	1250	ND	ND		Analyzed by	Weight	Extraction date	Extracted By	
EUCALYPTOL	1250	ND	ND		1050	0.568g	NA	NA	
GAMMA TERPINENE	1250	ND	ND		Analysis Method -SOP.T.40.091				
GERANIOL	1250	ND	ND		Analytical Batch -CA000520TER				
GUAJOL	1250	1321.08	0.1321		Instrument Used : GC-2030 FID(MO-GCFID-01)				
HUMULENE	1250	2211.00	0.2211		Running On :				
ISOPULEGOL	1250	ND	ND		Batch Date : 11/05/20 15:24:57				
LINALOOL	1250	ND	ND		Reagent	Dilution	Consums. ID		
OCIMENE ISOMER 1	375	ND	ND		041320.03		C4020-3A		
P-CYMENE	1250	ND	ND		041320.09		502158		
OCIMENE ISOMER 2	875	ND	ND		081420.R01		33011020200006		
TERPINOLENE	1250	ND	ND		GC_FID				
TRANS-NEROLIDOL	712.5	3250.59	0.3250						
Total		27259.363	2.7259						

<b>Analyzed by</b>	<b>Weight</b>	<b>Extraction date</b>	<b>Extracted By</b>
1050	0.568g	NA	NA

**Analysis Method -SOP.T.40.091**  
**Analytical Batch -CA000520TER**  
**Instrument Used : GC-2030 FID(MO-GCFID-01)**  
**Running On :**  
**Batch Date : 11/05/20 15:24:57**

<b>Reagent</b>	<b>Dilution</b>	<b>Consums. ID</b>
041320.03		C4020-3A
041320.09		502158
081420.R01		33011020200006
GC_FID		



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## Pesticides

# PASSED

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ETOXENPROX	0.00983	ug/g	0.1	ND	PROPICONAZOLE	0.00747	ug/g	0.1	ND
DAMINOZIDE	0.01314	ug/g	0.1	ND	CLOFENTEZINE	0.0108	ug/g	0.1	ND
ACEPHATE	0.02402	ug/g	0.1	ND	SPINETORAM	0.00685	ug/g	0.1	ND
ACEQUINOCYL	0.0288	ug/g	0.1	ND	TRIFLOXYSTROBIN	0.00643	ug/g	0.1	ND
BIFENTHRIN	0.00868	ug/g	3	ND	PRALLETHRIN	0.1376	ug/g	0.1	ND
OXAMYL	0.01848	ug/g	0.5	ND	PIPERONYL BUTOXIDE	0.00766	ug/g	3	ND
SPINOSADS	0.00686	ug/g	0.1	ND	CHLORPYRIFOS	0.01599	ug/g	0.1	ND
FLONICAMID	0.03074	ug/g	0.1	ND	HEXYTHIAZOX	0.00556	ug/g	0.1	ND
THIAMETHOXAM	0.01555	ug/g	5	ND	ETOXAZOLE	0.00614	ug/g	0.1	ND
PYRETHRINS	0.00321	ug/g	0.5	0.011	SPIROMESIFEN	0.00628	ug/g	0.1	ND
PERMETHRINS	0.01127	ug/g	0.5	ND	CYPERMETHRIN	0.01767	ug/g	1	ND
METHOMYL	0.024	ug/g	1	ND	CYFLUTHRIN	0.1	ug/g	2	ND
IMIDACLOPRID	0.01533	ug/g	5	ND	FENPYROXIMATE	0.00812	ug/g	0.1	ND
ACETAMIPRID	0.01333	ug/g	0.1	ND	PYRIDABEN	0.00716	ug/g	0.1	ND
MEVINPHOS	0.02454	ug/g	0.1	ND	ABAMECTIN B1A	0.01931	ug/g	0.1	ND
DIMETHOATE	0.03074	ug/g	0.1	ND	PCNB *	0.01873	ug/g	0.1	ND
THIACLOPRID	0.01922	ug/g	0.1	ND	PARATHION-METHYL *	0.01356	ug/g	0.1	ND
IMAZALIL	0.00737	ug/g	0.1	ND	CAPTAN *	0.03668	ug/g	0.7	ND
ALDICARB	0.03032	ug/g	0.1	ND	CHLORDANE *	0.02115	ug/g	0.1	ND
PROPOXUR	0.02322	ug/g	0.1	ND	CHLORFENAPYR *	0.01981	ug/g	0.1	ND
DICHLORVOS	0.02786	ug/g	0.1	ND					
CARBOFURAN	0.02749	ug/g	0.1	ND					
CARBARYL	0.02807	ug/g	0.5	ND					
NALED	0.02084	ug/g	0.1	ND					
CHLORANTRANILIPROLE	0.00782	ug/g	10	ND					
METALAXYL	0.00899	ug/g	2	ND					
PHOSMET	0.02488	ug/g	0.1	ND					
AZOXYSTROBIN	0.01375	ug/g	0.1	ND					
FLUDIOXONIL	0.01198	ug/g	0.1	ND					
SPIROXAMINE	0.00695	ug/g	0.1	ND					
BOSCALID	0.01484	ug/g	0.1	ND					
METHIOCARB	0.01778	ug/g	0.1	ND					
PACLOBUTRAZOL	0.01196	ug/g	0.1	ND					
MALATHION	0.02192	ug/g	0.5	ND					
DIMETHOMORPH	0.02083	ug/g	2	ND					
MYCLOBUTANIL	0.01115	ug/g	0.1	ND					
BIFENAZATE	0.0139	ug/g	0.1	ND					
FENHEXAMID	0.01206	ug/g	0.1	ND					
SPIROTETRAMAT	0.01014	ug/g	0.1	ND					
FIPRONIL	0.00839	ug/g	0.1	ND					
ETHOPROPHOS	0.02501	ug/g	0.1	ND					
FENOXYCARB	0.01674	ug/g	0.1	ND					
KRESOXIM-METHYL	0.01591	ug/g	0.1	ND					
TEBUCONAZOLE	0.0078	ug/g	0.1	ND					
COUMAPHOS	0.02068	ug/g	0.1	ND					
DIAZINON	0.02294	ug/g	0.1	ND					

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**Sample Method :** SOP Client Method

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	<b>Microbials</b>	<b>PASSED</b>		<b>Mycotoxins</b>	<b>PASSED</b>
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Analyte	LOD	Result	Analyte	LOD	Units	Result	Action Level (PPB)
SALMONELLA		not present in 1 gram.	OCHRATOXIN A+	5	µg/kg	ND	20
ASPERGILLUS_FLAVUS		not present in 1 gram.	AFLATOXIN B1	0.5	µg/kg	ND	20
ASPERGILLUS_FUMIGATUS		not present in 1 gram.	AFLATOXIN G1	0.5	µg/kg	ND	20
ASPERGILLUS_NIGER		not present in 1 gram.	AFLATOXIN G2	1	µg/kg	ND	20
ASPERGILLUS_TERREUS		not present in 1 gram.	AFLATOXIN B2	0.5	µg/kg	ND	20
SHIGA TOXIN-PRODUCING ESCHERICHIA. COLI		not present in 1 gram.	TOTAL AFLATOXINS (SUM OF B1, B2, G1 & G2)	4	µg/kg	ND	20

**Analysis Method -SOP.T.40.043**
**Analytical Batch -CA000547MIC Batch Date : 11/10/20**
**Instrument Used : Sensovation SensoSpot Fluorescence**
**Running On :**

Analyzed by	Weight	Extraction date	Extracted By
1069	1.18g	NA	NA

Reagent	Consums. ID	Consums. ID	Consums. ID
010920.20	10025-726	26219028	216215
100720.01	200103274	6980A10	03086
010620.28	89012-778	107400-31-060120	
	215918	107533-17-071520	
	13-681-506	207379	
	76322-134	18353	

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

**Analysis Method -SOP.T.30.060, SOP.T.40.060**
**Analytical Batch -CA000532MYC | Reviewed On - 11/09/20 13:20:39**
**Instrument Used : MO-LCMS-001\_DER**
**Running On :**
**Batch Date : 11/06/20 13:31:13**

Analyzed by	Weight	Extraction date	Extracted By
1051	1g	NA	NA

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.060 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be <20µg/Kg. Ochratoxins must be <20µg/Kg.

	<b>Heavy Metals</b>	<b>PASSED</b>
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Reagent	Reagent	Consums. ID
012420.01	100820.R03	2003055-9D-0266-TA
010220.01	030320.08	89049-174
030220.11		
101920.R03		
120219.01		
020320.02		

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.012	µg/g	<0.036	0.2
CADMIUM	0.012	µg/g	<0.037	0.2
LEAD	0.016	µg/g	<0.047	0.5
MERCURY	0.018	µg/g	0.054	0.1

Analyzed by	Weight	Extraction date	Extracted By
1050	0.502g	NA	NA

**Analysis Method -SOP.T.40.050, SOP.T.30.052**
**Analytical Batch -CA000519HEA**
**Instrument Used : ICPMS-2030(MO-ICPMS-01)**
**Running On :**
**Batch Date : 11/05/20 15:10:58**

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS.

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**Haifei Yin**  
 Lab Director

 State License # NA  
 ISO Accreditation #  
 L18-47-1



Signature

11/12/2020

Signed On